

ABSTRACT

A wheel includes a wheel rim, a hub disposed within the wheel rim, and a number of cushioning devices coupled between the hub and the wheel rim, to provide a cushioning force between the hub and the wheel rim, and to allow cycle riders to comfortably ride the cycles. Each of the cushioning devices includes a tube extended from the hub, and a duct extended from the wheel rim, and one or more cushioning members disposed between the tube and the duct. The cushioning member may be one or more springs, or one or more resilient pads. The cushioning devices may be hydraulic cylinders or pneumatic cylinders, or the other cushioning members.